

PTO-1449

Application No.
10/609,031Applicant(s)
Trinidad Munoz, et alInformation Disclosure Citation in an
ApplicationDocket Number
2002-IP-009052U1

Group Art Unit

3678

Filing Date
06/27/2003

U.S. PATENT DOCUMENTS

DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
2,703,316	03-01-55	Palmer	260	78.3	06-05-51
3,272,650	09-13-66	MacVittie	134	7	02-21-63
3,819,525	06-25-74	Hattenbrun	252	132	08-21-72
3,912,692	10-14-75	Casey <i>et al.</i>	260	78.3	09-24-74
4,172,066	10-23-79	Zweigle <i>et al.</i>	260	29.6TA	09-26-77
4,460,052	07-17-84	Gockel	175	72	08-10-81
4,498,995	02-12-85	Gockel	252	8.5LE	07-01-83
4,797,262	01-10-89	Dewitz	422	142	06-03-87
5,249,628	10-05-93	Surjaatmadja	166	305	09-29-92
5,295,542	03-22-94	Cole, <i>et al.</i>	166	278	10-05-92
5,325,923	07-05-94	Surjaatmadja, <i>et al.</i>	166	308	09-30-93
5,330,005	07-19-94	Card, <i>et al.</i>	166	280	04-05-93
5,360,068	11-01-94	Sprunt, <i>et al.</i>	166	259	04-19-93
5,363,916	11-15-94	Himes, <i>et al.</i>	166	276	06-16-93
5,373,901	12-20-94	Norman, <i>et al.</i>	166	300	07-27-93
5,386,874	02-07-95	Laramay, <i>et al.</i>	166	300	11-08-93
5,396,957	03-14-94	Surjaatmadja, <i>et al.</i>	166	308	03-04-94
5,402,846	04-04-95	Jennings, Jr., <i>et al.</i>	166	259	11-15-93
5,464,060	11-07-95	Hale, <i>et al.</i>	166	293	04-12-94
5,497,830	03-12-96	Boles, <i>et al.</i>	166	300	04-06-95
5,499,678	03-19-96	Surjaatmadja, <i>et al.</i>	166	298	08-02-94
5,505,787	04-09-96	Yamaguchi	134	4	01-28-94
5,512,071	04-30-96	Yam, <i>et al.</i>	51	307	02-25-94
5,604,186	02-18-97	Hunt, <i>et al.</i>	507	204	02-15-95
5,670,473	09-23-97	Scepanski	510	445	06-06-95
5,698,322	12-16-97	Tsai, <i>et al.</i>	428	373	12-02-96

EXAMINER

George Suchfield

DATE CONSIDERED

6/16/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449 Information Disclosure Citation in an Application	Application No. 10/609,031	Applicant(s) Trinidad Munoz, et al	
	Docket Number 2002-IP-009052U1	Group Art Unit 3696	Filing Date 06/27/2003

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	5,765,642	06-16-98	Surjaatmadja	166	297	12-23-96
I	5,833,000	11-10-98	Weaver, <i>et al.</i>	166	276	02-18-97
	5,853,048	12-29-98	Weaver, <i>et al.</i>	166	279	04-21-98
	5,893,416	04-13-99	Read	166	304	11-28-97
	5,964,291	10-12-99	Bourne, <i>et al.</i>	166	279	02-28-96
	6,004,400	12-21-99	Bishop, <i>et al.</i>	134	2	07-09-97
	6,024,170	02-15-00	McCabe, <i>et al.</i>	166	300	06-03-98
	6,028,113	02-22-00	Scepanski	514	643	09-27-95
	6,123,965	09-26-00	Jacob, <i>et al.</i>	424	489	08-18-98
	6,135,987	10-24-00	Tsai, <i>et al.</i>	604	365	12-22-99
	6,169,058 B1	01-02-01	Le, <i>et al.</i>	507	222	06-05-97
	6,202,751 B1	03-20-01	Chatterji, <i>et al.</i>	166	276	07-28-00
	6,209,646 B1	04-03-01	Reddy, <i>et al.</i>	166	300	04-21-99
	6,214,773 B1	04-10-01	Harris, <i>et al.</i>	507	271	09-29-99
	6,260,622 B1	07-17-01	Blok, <i>et al.</i>	166	305.1	12-23-98
	6,311,773 B1	11-06-01	Todd, <i>et al.</i>	166	280	01-28-00
	6,357,527 B1	03-19-02	Norman, <i>et al.</i>	166	300	05-05-00
	6,364,945 B1	04-02-02	Chatterji, <i>et al.</i>	106	677	12-13-00
	6,390,195 B1	05-21-02	Nguyen, <i>et al.</i>	166	276	10-27-00
	6,422,314 B1	07-23-02	Todd, <i>et al.</i>	166	312	08-01-00
	6,454,003 B1	09-24-02	Chang, <i>et al.</i>	166	270	06-14-00
	6,488,763 B2	12-03-02	Brothers, <i>et al.</i>	106	692	10-05-01
	6,494,263 B2	12-17-02	Todd	166	312	01-09-01
	6,508,305 B1	01-21-03	Brannon, <i>et al.</i>	166	293	09-14-00
	6,527,051 B1	03-04-03	Reddy, <i>et al.</i>	166	300	07-12-02
	6,554,071 B1	04-29-03	Reddy, <i>et al.</i>	166	293	07-12-02
	6,569,814 B1	05-27-03	Brady, <i>et al.</i>	507	201	04-20-00
CS	6,667,279 B1	12-23-03	Hessert, <i>et al.</i>	507	225	11-13-97

EXAMINER <i>George Suchfield</i>	DATE CONSIDERED <i>6/16/05</i>
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PTO-1449 Information Disclosure Citation in an Application	Application No. 10/609,031	Applicant(s) Trinidad Munoz, et al	
	Docket Number 2002-IP-009052U1	Group Art Unit 3674	Filing Date 06/27/2003

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
67	6,681,856 B1	01-27-04	Chatterji, <i>et al.</i>	166	294	05-16-03
	6,686,328 B1	02-03-04	Binder	510	446	07-09-99
	US 2003/0188766A1	10-09-03	Banerjee, <i>et al.</i>	134	7	12-19-02
	US 2004/0055747A1	03-25-04	Lee	166	278	09-20-02
	US 2004/0106525A1	06-03-04	Willbert, <i>et al.</i>	507	200	10-17-03
	US 2004/0138068A1	07-15-04	Rimmer, <i>et al.</i>	507	100	12-19-03
	US 2004/0152601A1	08-05-04	Still, <i>et al.</i>	507	100	10-27-03
67	US 2004/0152602A1	08-05-04	Boles	507	100	01-15-04

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						Yes	No
67	WO 99/27229	06-03-99	PCT	E2/B	43/26	X	
67	WO 01/87797 A1	11-22-01	PCT	C04B	28/02	X	
67	EP 0 510 762 A2	04-16-92	Europe	C1/D	17/00	X	

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PTO-1449		Application No. 10/609,031	Applicant(s) Trinidad Munoz, et al	
Information Disclosure Citation in an Application		Docket Number 2002-IP-009052U1	Group Art Unit 3676	Filing Date 06/27/2003
NON-PATENT DOCUMENTS				
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)		
67		Cantu, et al, <i>Laboratory and Field Evaluation of a Combined Fluid-Loss-Control Additive and Gel Breaker for Fracturing Fluids</i> , SPE 18211, Society of Petroleum Engineers, 1990		
		Love, et al, <i>Selectively Placing Many Fractures in Openhole Horizontal Wells Improves Production</i> , SPE 50422, Society of Petroleum Engineers, 1998		
		McDaniel, et al, <i>Evolving New Stimulation Process Proves Highly Effective in Level 1 Dual-Lateral Completion</i> , SPE 78697, Society of Petroleum Engineers, 2002		
		Albertsson, et al, <i>Aliphatic Polyesters: Synthesis, Properties and Applications</i> , Advances in Polymer Science, Vol. 157, 2002		
		Dechy-Cabaret, et al, <i>Controlled Ring-Opening Polymerization of Lactide and Glycolide</i> , American Chemical Society, Chemical Reviews, A-Z, AA-AD, received 2004		
		Funkhouser, et al, <i>Synthetic Polymer Fracturing Fluid for High-Temperature Applications</i> , SPE 80236, Society of Petroleum Engineers, 2003		
		<i>Chelating Agents</i> , Encyclopedia of Chemical Technology, Vol. 5 (764-795)		
		Vichaibun, et al, <i>A New Assay for the Enzymatic Degradation of Polylactic Acid</i> , Short Report, ScienceAsia, Vol. 29, 2003 (pp. 297-300)		
		Halliburton, <i>SurgiFracSM Service, A Quick and Cost-Effective Method to Help Boost Production From Openhole Horizontal Completions</i> , Halliburton Communications, HO3297, 2002		
		Halliburton, <i>Cobra FracSM Service, Coiled Tubing Fracturing—Cost-Effective Method for Stimulating Untapped Reserves</i> , HO2319R, Halliburton Energy Services, 2000		
		Halliburton, <i>CobraJet FracSM Service, Cost-effective Technology That Can Help Reduce Cost Per BOE Produced, Shorten Cycle Time and Reduce Capex</i> , Halliburton Communications		
		Blauch, et al, <i>Aqueous Tackifier and Methods of Controlling Particulates</i> , Patent Application No. 10/864,061, filed 06-09-04		
67		Blauch, et al, <i>Aqueous-Based Tackifier Fluids and Methods of Use</i> , Patent Application No. 10/864,618, filed 06-09-04		
EXAMINER		George Suchfield		DATE CONSIDERED 6/16/05
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PTO-1449 Information Disclosure Citation in an Application	Application No. 10/609,031	Applicant(s) Trinidad Munoz, Jr., et al	
	Docket Number 2002-IP-009052U1	Group Art Unit 3676	Filing Date 06/27/2003

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	4,817,721	04/04/89	Pober	166	295	12/14/87
	5,142,023	08/25/92	Gruber, et al	528	354	01/24/92
	5,247,059	09/21/93	Gruber, et al	528	354	08/24/92
	5,359,026	10/25/94	Gruber	528	354	07/30/93
	5,475,080	12/12/95	Gruber, et al	528	354	03/22/93
	5,484,881	01/16/96	Gruber, et al	528	354	08/23/93
	5,536,807	07/16/96	Gruber, et al	528	354	08/23/93
	5,594,095	01/14/97	Gruber, et al	528	354	07/27/94
	5,849,401	12/15/98	El-Afandi, et al	428	215	05/03/96
	6,326,458 B1	12/04/01	Gruber, et al	528	354	10/07/93
	6,763,888 B1	07/20/04	Harris, et al	166	305.1	03/20/00
	US 2004/0261993A1 (US Pat. App. Ser. No. 10/608,319)	12/30/04	Nguyen (Ref. No. 2003-IP-010077U1)	166	276	06/27/03
	US 2004/0261995A1 (US Pat. App. Ser. No. 10/608,291)	12/30/04	Nguyen, et al (Ref. No. 2002-IP-009210U1)	166	279	06/27/03
CS	US 2004/0261999A1 (US Pat. App. Ser. No. 10/608,373)	12/30/04	Nguyen (Ref. No. 2003-IP-010077U2)	166	292	06/27/03

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PTO-1449 Information Disclosure Citation in an Application		Application No. 10/609,031		Applicant(s): TRINIDAD MUNOZ, JR., ET AL			
		Docket Number 2002-IP-009052U1		Group Art Unit 3676		Filing Date 06/27/2003	

U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
1.		3,779,914	12/18/73	Nimerick	252	8.55R	05-20-71
2.		6,114,410 A	09/05/00	Betzold	523	130	08/04/98
3.		6,138,760 A	10/31/00	Lopez, <i>et al.</i>	166	300	12/07/98
4.		6,380,138 B1	04/30/02	Ischy, <i>et al.</i>	507	204	11/22/99
5.		US 2003/0060374A1	03/27/03	Cooke, Jr.	507	200	09/24/02

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
1.		WO 02/12674 A1	02/14/02	PCT	E21B	37/06	X
2.		EP 0 879 935 A2	11/25/98	EUROPE	E21B	43/26	X

NON-PATENT DOCUMENTS	
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)
1	Foreign Search Report and Opinion (PCT Appl. No. GB2004/002043)

EXAMINER <div style="font-size: 1.2em; font-family: cursive;">George Suchfield</div>	DATE CONSIDERED <div style="font-size: 1.2em; font-family: cursive;">6/16/05</div>
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Sheet 1 of 1

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2002-IP-009052U1	SERIAL NO. 10/608,031
	APPLICANT Trinidad Munoz, Jr, et al	
	FILING DATE 06/27/03	GROUP 3676

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
69	AA	3,955,993	05/11/76	Curtice, et al	106	662	
	AB	3,948,672	04/06/76	Harnsberger	106	720	
	AC	6,485,947	11/26/02	Rajgarhia, et al	435	139	
	AD	4,526,695	07/02/85	Erbstoesser, et al	507	219	
	AE	6,172,011	01/09/01	Card, et al	507	204	
	AF	5,924,488	07/20/99	Nguyen, et al	166	280	
	AG	6,209,643	04/03/01	Nguyen, et al	166	276	
	AH	6,047,772	04/11/00	Weaver, et al	166	276	
	AI	5,908,073	06/01/99	Nguyen, et al	166	276	
	AJ	5,791,415	08/11/98	Nguyen, et al	166	280	
	AK	4,694,905	09/22/87	Armbruster	166	280	
	AL	4,785,884	11/22/88	Armbruster	166	280	
69	AM	6,328,105	12/11/01	Betzold	166	280	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
69	AN	WO 03/027431	04/03/03	United States	E2	1B	X	
	AO							
	AP							
	AQ							
	AR							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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George Suchfield

DATE CONSIDERED

6/16/05

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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2002-IP-009052U1	SERIAL NO. Unknown
	APPLICANT Trinidad Munoz, Jr, et al	
	FILING DATE Concurrently Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>CG</i>	AA	4,387,769	06/14/83	Erbstoesser, et al	507	219	
	AB	4,526,695	07/02/85	Erbstoesser, et al	507	219	
	AC	6,172,011	01/09/01	Card, et al	507	204	
	AD	5,924,488	07/20/99	Nguyen, et al	166	280	
	AE	6,209,643	04/03/01	Nguyen, et al	166	276	
	AF	6,047,772	04/11/00	Weaver, et al	166	276	
	AG	5,908,073	06/01/99	Nguyen, et al	166	276	
	AH	5,791,415	08/11/98	Nguyen, et al	166	280	
	AI	4,694,905	09/22/87	Armbruster	166	280	
	AJ	4,785,884	11/22/88	Armbruster	166	280	
<i>CG</i>	AK	4,986,355	01/22/91	Casad, et al	166	295	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>CG</i>	AN	✓	"Poly(phenyllactide): Synthesis, Characterization, and Hydrolytic Degradation" published in Biomacromolecules, Vol. 2, No. 3, 2001, pages 658-663 by Tara L. Simmons and Gregory L. Baker.					
<i>CG</i>	AO	✓	"Synthesis and Properties of Polymers Derived from Substituted Lactic Acids" published in 2001 American Chemical Society, Chapter 12, pages 147-159 by Mao Yin, Tara L. Simmons and Gregory L. Baker.					
<i>CG</i>	AP	✓	"Preparation and Characterization of Substituted Polylactides" published in 199 American Chemical Society, Volume 32, Number 23, pages 7711-7718 by Mao Yin and Gregory L. Baker.					

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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2002-IP-009052U1	SERIAL NO. Unknown
	APPLICANT Trinidad Munoz, Jr, et al	
	FILING DATE Concurrently Herewith	GROUP Unknown 3670

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
69	AA	4,715,967	12/29/87	Bellis, et al	252	6.551	
	AB	4,886,354	12/12/89	Welch, et al	356	70	
	AC	4,986,353	01/22/91	Clark, et al	166	279	
	AD	4,957,165	09/18/90	Cantu, et al	166	295	
	AE	4,848,467	07/18/89	Cantu, et al	166	281	
	AF	3,960,736	06/01/76	Free, et al	252	8.55	
	AG	5,216,050	06/01/93	Sinclair	524	108	
69	AH	6,323,307	11/27/01	Bigg, et al	528	354	
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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	AP							

EXAMINER

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George Suchfield**6/16/05**

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STOP 449 Information Disclosure Citation in an Application JUN 10 2005	Application No. 10/609,031	Applicant(s): TRINIDAD MUNOZ, JR.	
	Docket Number 2002-IP-009052U1	Group Art Unit 3672	Filing Date June 27, 2003

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
1.	3,173,484	03/16/65	Huitt, et al.	166	280.1	09/02/58
2.	3,195,635	07/20/65	Fast	166	280.1	05/23/63
3.	3,302,719	02/07/67	Fischer	166	280.2	01/25/65
4.	3,364,995	01/23/68	Atkins, et al.	166	280.1	02/14/66
5.	3,366,178	01/30/68	Malone, et al.	166	280.1	09/10/65
6.	3,455,390	07/15/69	Gallus	166	295	12/03/65
7.	3,968,840	07/13/76	Tate	166	280.1	05/25/73
8.	3,998,744	12/21/76	Arnold, et al.	507	269	04/16/75
9.	4,068,718	01/17/78	Cooke, Jr., et al.	166	280.2	10/26/76

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
1.	WO 2004/007905	01/22/04	PCT	E21B	43/27	X	
2.	WO 2000/57022	09/28/00	PCT	E21B	37/06	X	
3.	WO 2001/02698	01/11/01	PCT	E21B	43/27	X	

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
1.	Y. CHIANG ET AL.: "HYDROLYSIS OF ORTHO ESTERS: FURTHER INVESTIGATION OF THE FACTORS WHICH CONTROL THE RATE-DETERMINING STEP," ENGINEERING INFORMATION INC., NY, NY, VOL. 105, No. 23 (XP-002322842)	11/16/83
2.	M. AHMAD, ET AL.: "ORTHO ESTER HYDROLYSIS: DIRECT EVIDENCE FOR A THREE-STAGE REACTION MECHANISM," ENGINEERING INFORMATION INC., NY, NY, VOL. 101, No. 10 (XP-002322843)	05/09/79

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